

Progress Report Sounder Program



Ridership continues to increase on Sounder Commuter Rail

March | 2013



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Program Summary

Scope: The Sounder Commuter Rail program provides commuter rail service to 12 stations along an 83-mile corridor, primarily owned by BNSF, between Everett in Snohomish County and Lakewood in Pierce County. The Sounder capital projects are grouped within three segments of the corridor: Everett-to-Seattle, Seattle-to-Tacoma, and Tacoma-to-Lakewood. BNSF owns the right-of-way between Everett and Tacoma. Sound Transit owns about 8.2 miles of right-of-way at the south end of the corridor between Lakewood and Tacoma.

With the voter approval of Sound Transit 2 (ST2), system-wide program elements, including station access improvements and a Sounder Yard and Shops facility, are being planned. Sound Transit is also implementing system-wide positive train control as required by federal mandate.

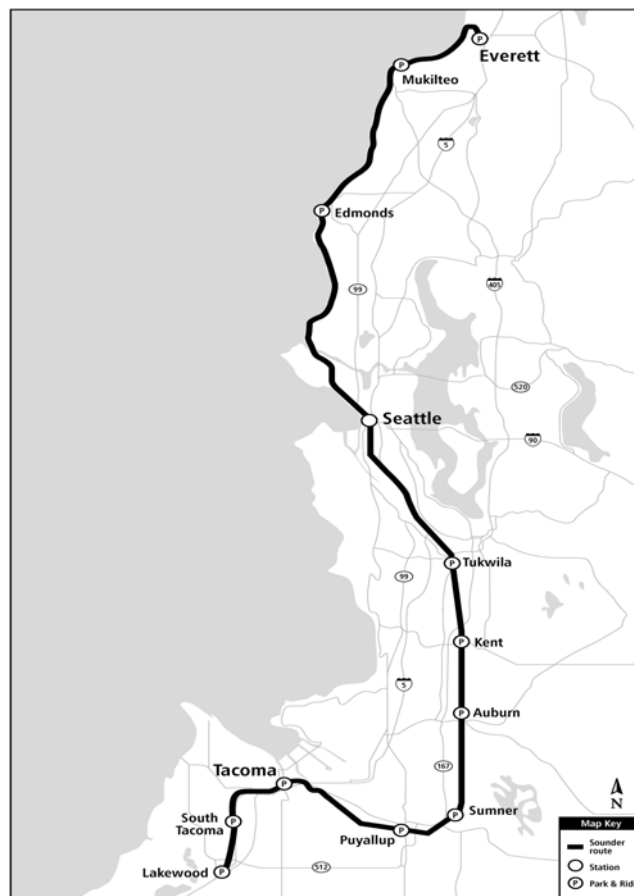
Program Lifetime Budget (2013): \$668M (excludes design/construction elements for ST2 system-wide enhancements)

Schedule: Service is fully implemented between Everett and Lakewood at 12 stations.

In Service: Four round-trips (four trains) between Everett and Seattle with service at stations in Everett, Mukilteo, Edmonds and Seattle; nine round-trips (five trains) between Seattle and Tacoma with service at stations in Tacoma, Puyallup, Sumner, Auburn, Kent, Tukwila and Seattle (Five of these nine trips include service to South Tacoma and Lakewood). Four additional round-trips (two trains) between Seattle and Tacoma were approved with the passage of ST2; one of

Program Overview

Everett-to-Seattle: Sound Transit has constructed three commuter rail stations and purchased right-of-way easements for peak commuter rail service for four round-trips and special-event service for weekend sports and community events on a BNSF's rail corridor. Sound Transit funded construction of track capacity and improvements to the signaling, control systems and road crossings, these improvements were completed by BNSF. Projects remaining to be completed in this corridor include the construction of the final environmental mitigation measures for track improvements and the South Platform of the Mukilteo Station. Environmental mitigation will be completed in 2013; the Mukilteo South Platform is scheduled to be completed in 2014.



Sounder provides commuter rail service between Everett and Lakewood

Seattle-to-Tacoma: Sound Transit constructed seven commuter rail stations and offers peak commuter rail service for nine round-trips, and special-event service for weekend sports and community events. Sound Transit funded construction of track capacity and improvements to the signaling, control systems and road crossings, these improvements were completed by BNSF. Sound Transit constructed a new rail segment between Reservation Junction on the BNSF line and the Tacoma Dome Station. Procurement of perpetual use easements for three additional round-trips (two trains) between Seattle and Tacoma were finalized and a deposit paid on a fourth easement. Projects remaining to be completed in this corridor include construction of the Tukwila Station and track improvements to support the additional train service identified in ST2.

Tacoma-to-Lakewood: Sound Transit constructed two stations and track and signal systems for peak commuter rail service for five round-trips, and special-event service for weekend sports and community events.

Program Overview, continued

System-Wide: With the passage of ST2, the voters approved system-wide enhancements including improvements to station access and the development of a maintenance base for Sounder vehicles. Access improvements are under construction at Lakewood Station; planning is being initiated for access enhancements at the Puyallup and Sumner Stations. In addition, Sound Transit has procured the contracts for the design, install, testing and commissioning of a system-wide positive train control system. Positive train control is expected to be fully implemented as required by federal mandate by 2015.

Key Program Issues

- Potential environmental mitigation requirements for Easement 4 Sounder South Expanded Service may impact project scope, schedule, and budget.

Program Cost Summary

Program cost information by project phase is summarized below. Lifetime budgets reflect the Adopted 2013 phase level budgets; for ST2 projects, the lifetime budget includes funding only for project phases that have been approved by the Board of Directors. For example, the Sounder Yard and Shops project is funded only through preliminary engineering; approval for the final design and construction budgets will be requested upon completion of preliminary engineering and refinement of cost estimates.

(Table figures in thousands. Variances are due to rounding.)

Phase	Lifetime Budget	Commitment To Date	Incurred To Date
Administration	\$33,466	\$20,975	\$20,948
Prelim Engineering	\$18,308	\$11,861	\$9,690
Final Design	\$50,893	\$34,118	\$32,220
Third Party Agreements	\$8,446	\$5,746	\$3,096
ROW Acquisition and Permits	\$279,282	\$219,858	\$219,570
Construction	\$246,008	\$179,943	\$176,419
Construction Services	\$12,490	\$8,943	\$5,150
Vehicles	\$17,906	\$17,906	\$17,906
Systems	\$1,084	\$1,152	\$894
Contingency	\$630	\$0	\$0
Program Total	\$668,513	\$500,502	\$485,893

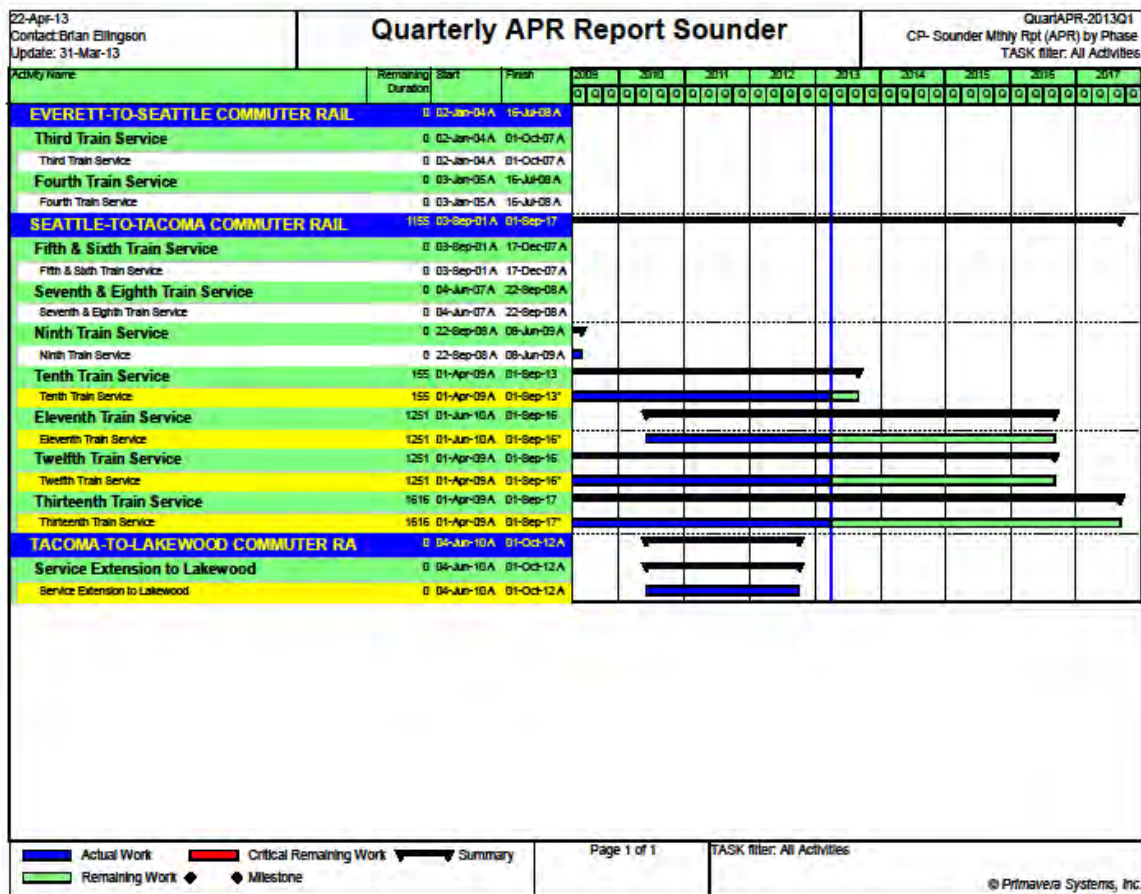
Significant variances compared to prior reporting period.

- The lifetime budgets for the final design and construction phases were increased \$9.8 million and \$4.1 million following Board approval of funding required for positive train control design, furnish and install and construction management contracts.
- The lifetime budget for right of way was increased \$5 million following Board approval of funding to purchase the rail corridor for the replacement of the Tacoma Trestle under the Reservation Junction Track and Signal project.

Program Schedule Summary

Overview

Construction of the remaining environmental mitigation measures in the Everett to Seattle corridor is expected to be completed in 2013; construction of the Mukilteo Station South Platform and Tukwila Station is scheduled to be completed in 2014. Expanded service milestones in the south corridor are scheduled to be completed by 2017.



Schedule Variance

An updated project schedule is maintained for each Sounder project. The updated schedules reflect changes compared to the baseline.

Board Actions

Resolution No. R2013-01: (1) Authorized the chief executive officer to acquire, dispose, or lease real property by negotiated purchase, by condemnation (including settlement of condemnation litigation), or by entering into administrative settlements, and to pay eligible relocation and re-establishment benefits to affected owners and tenants as necessary to secure property required for operation, and maintenance of the Sounder line

Resolution No. R2013-06: (1) Amended the Adopted 2013 Budget to increase it by \$13,829,279 and \$39,225,000 to \$53,054,279 for the Positive Train Control project and (2) amended the 2013 Annual Budget for Positive Train Control from \$10,632,313 to \$18,743,000 and (3) approved Gate 4 within Sound Transit's Phase Gate process.

Resolution No. R2013-07: (1) Amended the Adopted 2013 Lifetime Budget to the Reservation Junction Track and Signal project from \$1,870,000 to \$6,895,729 to provide funds to purchase the Tacoma Trestle rail corridor and (2) amended the Adopted 2013 Annual Budget for the Reservation Junction Track and Signal project from \$654,620 to \$5,354,620.

Motion No. M2013-14: Authorized the chief executive officer to execute a contract with LTK Engineering Services, LLC to provide construction management and engineering support services for the Sounder Positive Train Control system.

Motion No. M2013-15: Authorized the chief executive officer execute a contract with Wabtec Corporation to design, install, test, and commission the Sounder Positive Train Control system.

Motion No. M2013-16: Authorized the chief executive officer to execute a contract with CA Carey Corporation to provide construction services for the Sounder Mukilteo Station - South Platform Project.

New Contract Awards

Major new contracts awarded during this reporting period are listed in the table below.

Contractor	Scope	Amount (thousands)	Award Date
LTK Engineering Services, LLC	Construction management and engineering support services for positive train control (Motion M2013-14)	\$2,322	Board Approval March, 2013 NTP Pending
Wabtec Corp	Design, install, test and commission positive train control system (Motion M2013-15)	\$34,065	Board Approval March, 2013 NTP Pending
CA Carey Corp	Construction of the Mukilteo Station South Platform (Motion M2013-16)	\$6,405	Board Approval March, 2013 NTP Pending

Third-Party Agreements

Seattle-to-Tacoma

FRA / WSDOT

Negotiations are complete on a term sheet for a \$7.8M construction and maintenance funding agreement for Tukwila Station. The full agreement has been drafted and is in review, it will be executed in 2Q 2013.

Tacoma-to-Lakewood

WSDOT / Amtrak / FRA

Negotiations continue for a Service Outcomes Agreement (SOA) and Stakeholder Agreement for investment of High-Speed Passenger Rail grant money in the corridor. The SOA will capture Sound Transit's commitment to continued maintenance and operation of the corridor, and the Stakeholder Agreement will provide funding to be applied to the recent completed construction on the D Street-to-M Street project and the State's Point Defiance Bypass project. Agreements between FRA and WSDOT, completion of the WSDOT NEPA documentation for the by-pass project and three-way negotiations with WSDOT, Amtrak, and Sound Transit continue to delay the completion of the SOA.

City of Tacoma

Sound Transit is negotiating the transfer of surplus properties acquired for the D Street-to-M Street project not needed for Sounder operations to the City of Tacoma for redevelopment and maintenance. Sound Transit is awaiting completion of an agreement between the City of Tacoma and ForTerra before properties can be transferred. Completion of the transfer is not expected until 2nd Q 2013.

Construction Safety

Currently there are no Agency-led construction activities for the Sounder program.

Quality Assurance

Quality Assurance continues to support the Sounder program through review of design and construction documents and periodic audits of projects in design, construction, and operations. During this quarter there were no audits, surveillances or reporting.

Projects at a Glance

Active Projects						
Project	Project Phase	Lifetime Adopted 2013 Budget	Risk Assessment			Notes
			Scope	Schedule	Budget	
Everett-to-Seattle Corridor \$s in 000						
Mukilteo Station - South Platform	FD	\$18,313	L	L	L	Received and evaluated bids for platform construction. Board approval to award contract received in March. NTP is pending.
Permitting & Environmental Mitigation	CON	\$6,516	L	L	L	Remaining mitigation includes the completion of construction of the Christofferson fill pad. Construction began in June 2012 and was suspended with the on-set of winter weather; the project will be completed in 2013 when weather conditions improve. Post-construction mitigation monitoring of Deer Creek continues through 2016.
Total		\$24,829				
Seattle-to-Tacoma Corridor \$s in 000						
Tukwila Station - Permanent	FD	\$45,969	L	L	L	Received and evaluated bids for platform construction. Board approval to award contract received in March. NTP is pending.
Sounder South Service Expansion	PE/ED	\$193,968	L	M	M	The potential for extensive environmental mitigation presents schedule and budget risks.
Tacoma-to-Lakewood Corridor \$s in 000						
Reservation Junction Track and Signal (Tacoma Trestle Replacement)	PE/ED	\$6,896	L	L	L	Preparing to advertise for preliminary engineering consulting services for replacement of the Tacoma Trestle.

Projects at a Glance (continued)

Active Projects						
Project	Project Phase	Lifetime Adopted 2013 Budget	Risk Assessment			Notes
			Scope	Sched-ule	Budget	
Tacoma-to-Lakewood Corridor (cont'd) \$s in 000						
Positive Train Control (PTC)	PE/ED	\$53,054	L	M	L	Completed negotiations for construction management and design, install, testing and commissioning contracts. Board approval to award contracts received in March. NTP is pending.
Lakewood Station Improvements	CON	\$1,155	L	L	L	Capped Contribution: City of Lakewood is the leading the construction of a pedestrian bridge connecting the station to the neighborhood to the west of the station.
Puyallup Station Improvements	PE/ED	\$0.6	L	L	L	Consultant selection has been completed. Negotiations are ongoing.
Sumner Station Improvements	PE/ED	\$0.6	L	L	L	Consultant selection has been completed. Negotiations are ongoing.
Total		\$56,080				
System-wide Project Elements \$s in 000						
Layover	SYS	\$33,947	L	L	L	Construction nearing completion.
Station Access & Demand Study	PE/ED	\$1,170	L	L	L	Study is nearing completion; preliminary engineering will soon be initiated for improvements at the Puyallup and Sumner Stations.
Sounder Yard & Shops Facility	PE/ED	\$6,912	L	H	H	SCHEDULE AND BUDGET: Uncertainties exist in siting, design, environmental, third party and jurisdictional requirements presenting schedule and budget risks.
Total		\$42,029				

Projects at a Glance (continued)

Key		
Risk Assessment	Phases	
L = Low Risk	PE/ED	Preliminary Engineering / Environmental Documentation
M = Medium Risk	FD	Final Design
H = High Risk	CON	Construction
	INS	Installation
	SYS	System-wide Component
	ROW	Right-of-Way
Completed / Closed Projects		
Project	Start of Service	
Everett-to-Seattle Corridor		
Everett Station	2002 (Phase I) 2009 (Phase II)	
Edmonds Station - Temporary	2003	
Edmonds Station	2011	
Mukilteo Station - North Platform	2008	
Everett - Seattle Track and Signal	2008	
Willow Creek Environmental Mitigation	2010	
Seattle-to-Tacoma Corridor		
King Street Station	2000	
Tukwila Station - Interim	2001	
Kent Station	2001	
Boeing Access Road Station	Closed	
Auburn Station	2000	
Sumner Station	2000	
Puyallup Station	2001	
Tacoma Dome Station	2000	
Seattle - Tacoma Track and Signal	2008	
Reservation - Freighthouse	2003 (Phase I, II) 2007 (Phase III)	
Tacoma-to-Lakewood Corridor		
Lakewood CBD	Funding Only	
South Tacoma Station	2009 (Bus Service). Sounder service began in 2012.	
Lakewood Station	2008 (Bus Service) Sounder service began in 2012.	
Nisqually - Lakewood Right-of-Way	Funding Only	
D Street to M Street Track and Signal Improvements	2012	
M Street to Lakewood Track and Signal Improvements	2012	
System-wide Project Elements		
Everett Layover	2010	
L Street Layover	2009	

Sounder Commuter Rail

Sounder South Expanded Service



Scope Overview

Sound Transit has purchased three additional commuter rail easements from BNSF and paid a deposit on a fourth easement for expanding service between Seattle and Lakewood. The remaining easement payment will be made in Q3 2013. A number of track and signal improvements are needed between Seattle and Tacoma to accommodate additional service. BNSF is currently completing design of improvements and intends to incrementally complete construction as additional service is added. At present, service additions, dependent on sustained ridership, are programmed to begin in Q3 2013 with additional service planned for 2016 and 2017.



Additional morning and evening service between Seattle and Lakewood to be fully implemented by 2017

Schedule

Start	Finish
Prelim Engineering	Oct 2010
Final Design	Mar 2012
Construction	Aug 2011
	TBD
	Sept 2017

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
ESA Adolfson	\$228	PE (Environ.)

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$5,650	\$851	\$851
Preliminary Engineering	\$1,007	\$325	\$246
Final Design	\$400	\$0	\$0
Third Party Agreements	\$5	\$0	\$0
ROW Acquisition and Permits	\$186,485	\$142,163	\$142,156
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$421	\$0	\$0
Project Total	\$193,968	\$143,339	\$143,253

Key Activities

Current Quarter

- Completed draft permit applications.
- Continued coordination with King County on potential use of in-lieu fee program for sensitive area mitigation.

Next Quarter

- Finalize and submit permit applications.
- Assist King County in finalizing plans for use of the in-lieu fee program.

Closely Monitored Issues

Scope, Schedule, and Budget may be impacted by:

- Natural resource trustee consultation coordination requirements for the Biological Assessment.
- Potential for additional mitigation and associated NEPA environmental documentation.

Scope Overview

A number of alternatives to improve access to Sounder stations located in Mukilteo, Kent, Auburn, Sumner, Puyallup, Tacoma Dome, South Tacoma and Lakewood were identified through the Station Access and Demand Study. Additional elements of this study included ridership and traffic analyses, environmental scan, alternatives analysis, conceptual design, and public and jurisdictional stakeholder outreach. Access improvements are currently under development for the Lakewood, Puyallup and Sumner stations. Improvements at other stations studied will be implemented in the future.



Access investment programs are under development for Sounder stations

Schedule

	Start	Finish
Prelim Engineering	Aug 2010	Jun 2013
Final Design	N/A	N/A
Construction	N/A	N/A

Scope/Schedule/Budget Variance

Schedule extended for additional validation of the forecasting model and ongoing community involvement efforts.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
URS Corporation	\$698	Planning

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$263	\$183	\$182
Preliminary Engineering	\$798	\$699	\$649
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$109	\$0	\$0
Project Total	\$1,170	\$882	\$831

Key Activities

Current Quarter

- Initiated planning for follow-on access improvement projects at the Puyallup and Sumner stations.
- Initiated leadership working groups with Puyallup and Sumner City Council members and Sound Transit Board members.
- Tested forecasting model on a future Link station (Northgate).

Next Quarter

- Conclude leadership working groups in April.
- Conclude testing of model on Northgate Station.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail

Sounder Yard & Shops Facility



Scope Overview

Final planning and analysis, environmental clearance and preliminary engineering for yard and shop operations and maintenance facilities to support expanded service. Preliminary project development activities (planning, revised cost estimating and preliminary siting studies) have been completed; environmental analysis on-going.



Amtrak currently provides Sounder vehicle maintenance

Schedule

Schedule	Start	Finish
Prelim Engineering	Feb 2011	Environ Doc Sep 2014
Final Design	TBD	
Construction	TBD	

Scope/Schedule/Budget Variance

The Board has authorized proceeding incrementally on this project. Schedules and budgets for completing preliminary engineering, final design and construction have not been developed at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Parsons Brinckerhoff	\$2,539	PE/ED

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$796	\$111	\$111
Preliminary Engineering	\$5,816	\$2,539	\$600
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$300	\$25	\$1
Construction			
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,912	\$2,675	\$712

Key Activities

Current Quarter

- Evaluated conceptual layouts for additional train storage in Lakewood and identified a preferred concept.

Next Quarter

- Initiate preliminary engineering and development of a documented categorical exclusion (DCE) for additional train storage in Lakewood.

Closely Monitored Issues

- Alignment of project scope within budget.

Scope Overview

Positive Train Control (PTC) systems are integrated command, control, communications and information systems for controlling train movements. They improve railroad safety by significantly reducing the probability of collisions between trains, casualties to railway workers and over-speed accidents. Federal regulations require passenger train systems be equipped with PTC systems by December 2015, necessitating upgrades to Sounder wayside signals/communications and information management systems as well as installation of on-board equipment. BNSF is installing wayside PTC elements within the Everett to Tacoma corridor; this project includes wayside elements along the Tacoma to Lakewood corridor and modification of locomotives and cab cars.



Improving operational safety of the Sounder Commuter Rail

Schedule

Schedule	Start	Finish
Prelim Engineering	N/A	N/A
Final Design	May 2013	Oct 2013
Construction	Nov 2013	Jul 2015

Scope/Schedule/Budget Variance

Board authorization received for contracts and funding for design, installation and testing and commissioning and construction management. Design is expected to begin in 2Q 2013; the project is expected to be completed by July 2015.

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
LTK Engineering Services	\$2,321	CM/Engin. Support
Wabtec Corp.	\$34,065	Design, Furnish, and Install

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$2,238	\$291	\$291
Preliminary Engineering	\$0	\$0	\$0
Final Design	\$15,035	\$254	\$197
Third Party Agreements	\$6,348	\$3,900	\$2,510
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$27,581	\$0	\$0
Construction Services	\$1,852	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$53,054	\$4,445	\$2,998

Key Activities

Current Quarter

- Completed negotiations with LTK and Wabtec.
- Initiated project delivery strategy and design/construction schedule development.

Next Quarter

- Issue notice to proceed (NTP) system design/furnish and install and construction management/engineering support services contracts.
- Initiate design of vehicle modifications.
- Complete environmental review and baseline pro-

ject.

Closely Monitored Issues

- Availability of potential grant funding.
- Coordination of Sound Transit work efforts with BNSF schedule for PTC implementation.
- Completion of project by federal compliance deadline of Dec. 2015.

Sounder Commuter Rail

Permitting / Environmental Mitigation

Scope Overview

Sound Transit contracted with BNSF to complete track and signal improvements required for Sounder service between Seattle and Everett. Sound Transit obtained the environmental permits and was responsible for completing environmental mitigation measures. The environmental permits were obtained by August 2006 and a number of mitigation projects have been completed. Remaining mitigation includes the completion of the Christofferson fill pad; construction was initiated in mid-2012 and was suspended with the on-set of winter weather. Construction will be completed later in 2013 following the return of favorable weather.



Christofferson Fill Pad has been stabilized for the winter

Schedule

	Start	Finish
Prelim Engineering		
Final Design	Jan 2007	Aug 2008
Construction	Aug 2010	Oct 2013 Working

Scope/Schedule/Budget Variance

Following near record rainfall (12 inches above normal) throughout the late 3rd Q and 4th Q 2012 project activities, although nearing completion, were suspended. The project is expected to resume by the end of the 2nd Q and be completed by the end of the 3rd Q.

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$563	\$509	\$509
Preliminary Engineering	\$1,071	\$1,007	\$1,007
Final Design	\$419	\$189	\$176
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$1,461	\$1,356	\$1,356
Construction	\$3,001	\$1,723	\$1,521
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,515	\$4,784	\$4,569

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
Northwest Construction	\$854	Fill pad Construction
KBA	On-Call	Const. Mgmt. Services
ESA Adolfson	On-Call	Environ. Services

Key Activities

Current Quarter

- Monitored adequacy of and maintained erosion and sedimentation control measures.

Next Quarter

- Prepare for resumption/completion of construction.
- Perform maintenance and monitoring at Deer Creek.
- Complete report documenting final wetland and stream impacts and status of mitigation projects for permitting agencies.

Closely Monitored Issues

- None identified at this time.

Scope Overview

The Mukilteo Station South Platform project includes construction of a second platform, shelter structures, stairs, elevator towers and a pedestrian bridge connecting the south platform with the existing north platform.



Artist's rendering of Mukilteo Station

Schedule

	Start	Finish
Prelim Engineering	Feb 2001	Apr 2005
Final Design	Aug 2007	Sep 2012
Construction	Apr 2013	Oct 2014 Baseline

Scope/Schedule/Budget Variance

The Board has authorized a contract for construction of the South Platform; the project budget and schedule is within the baseline.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
AECOM	\$3,106	Final Design
CA Cary Corp.	\$6,405	Construction
KBA	\$1,500	CM Services

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$1,128	\$297	\$297
Preliminary Engineering	\$0	\$0	\$0
Final Design	\$2,447	\$1,962	\$1,783
Third Party Agreements	\$247	\$0	\$0
ROW Acquisition and Permits	\$3,588	\$339	\$329
Construction	\$9,040	\$202	\$44
Construction Services	\$1,863	\$1,500	\$5
Contingency	\$0	\$0	\$0
Project Total	\$18,313	\$4,300	\$2,458

Key Activities

Current Quarter

- Completed contractor selection.

Next Quarter

- Issue notice to proceed (NTP) construction contract, complete project delivery strategy and schedule development and initiate construction.

Closely Monitored Issues

- Coordination of construction along active rail line.

Sounder Commuter Rail

Tukwila Station

Scope Overview

The Tukwila Station will include permanent boarding platforms with canopies, improved pedestrian access, commuter parking improvements, a bus transfer facility, and secure bicycle parking. It will be constructed south of Longacres Way and west of the BNSF railroad tracks.



Artist's rendering of Tukwila Station

Schedule

	Start	Finish
Prelim Engineering	Jul 2007	Aug 2009
Final Design	Jan 2012	Sep 2012 Baseline
Construction	May 2013	Jul 2014 Baseline

Scope/Schedule/Budget Variance

The project was rebaselined within the current adopted budget to reflect the revised design and construction schedule, and station location.

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
KPFF	\$5,137	PE/ED/FD
Lin & Associates	\$1,379	CM Services

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$2,773	\$804	\$804
Preliminary Engineering	\$1,101	\$1,101	\$1,101
Final Design	\$4,724	\$4,251	\$3,970
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$11,009	\$8,791	\$8,702
Construction	\$24,281	\$1,470	\$592
Construction Services	\$2,081	\$1,396	\$43
Contingency	\$0	\$0	\$0
Project Total	\$45,969	\$17,813	\$15,212

Key Activities

Current Quarter

- Finalized Invitation for Bid and advertised and evaluated bids for station construction.
- Continued property acquisition.
- Continued ongoing coordination with Strander Blvd project.

Next Quarter

- Complete bid evaluation and select construction contractor.
- Continue property acquisition.
- Finalize all permitting.
- Initiate project delivery strategy and construction schedule development and begin construction.

Closely Monitored Issues

- BNSF third track design schedule.
- City of Renton Strander Blvd. extension, including utilities relocation and dewatering.

Scope Overview

ST2 identified the replacement of the single tracked Tacoma Trestle with a structure capable of accommodating double tracking to improve passenger and commuter rail service reliability and reduce delays for freight movement through Tacoma. To that end, Sound Transit is initiating preliminary engineering and property (existing trestle right-of-way) acquisition activities for trestle replacement. Grant funding is being sought for additional design services and construction.



Project will replace existing Tacoma train trestle

Schedule

Start	Finish
Prelim Engineering	Jan 2013
Final Design	Dec 2013 (site invest.)
Construction	TBD

Scope/Schedule/Budget Variance

A budget amendment was approved by the Board and funding allocated for right-of-way acquisition in March 2013.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
TBD		

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$353	\$18	\$18
Preliminary Engineering	\$1,517	\$100	\$0
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$5,026	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,896	\$118	\$18

Key Activities

Current Quarter

- Advertised request for qualifications (RFQ) for completing conceptual and preliminary engineering with an option for final design.

Next Quarter

- Review responses to RFQ and select engineering consultant.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail

Puyallup Station Improvements

Scope Overview

Preliminary engineering for access improvements identified for the Puyallup Station through the Station Access and Demand Study. Improvements may include additional parking facilities, pedestrian access improvements, bicycle lane or path improvements near the station, secure bicycle storage, additional bus/transfer

facilities at or near the station, transit speed and reliability improvements on bus routes serving the station, expanded or new kiss-and-ride facilities and off-site parking along bus routes providing peak commute service to the station. Project scope will be determined with the concurrence of community and municipal stakeholders.



Improving access to Puyallup Station

Schedule

	Start	Finish
Prelim Engineering	Apr 2013	Dec 2014
Final Design	TBD	TBD
Construction	TBD	TBD

Scope/Schedule/Budget Variance

The Board of Directors has approved an evaluation and development and conceptual engineering of access improvements

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
TBD		

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment To Date	Incurred to Date
Administration	\$124	\$15	\$15
Preliminary Engineering	\$454	\$0	\$0
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$578	\$15	\$15

Key Activities

Current Quarter

- Advertised and selected consulting engineer and initiated consultant negotiations for evaluation and development of access improvements and conceptual engineering.

Next Quarter

- Award consultant contract and initiate evaluation and development of access improvements and conceptual engineering.

Closely Monitored Issues

- None identified at this time.

Scope Overview

Preliminary engineering for access improvements identified for the Sumner Station through the Station Access and Demand Study. Improvements may include additional parking facilities, pedestrian access improvements, bicycle lane or path improvements near the station, secure bicycle storage, additional bus/transfer facilities at or near the station, transit speed and reliability improvements on bus routes serving the station, expanded or new kiss-and-ride facilities and off-site parking along bus routes providing peak commute service to the station. Project scope will be determined with the concurrence of community and municipal stakeholders.



Improving access to Sumner Station

Schedule

	Start	Finish
Prelim Engineering	Apr 2013	Dec 2014
Design	TBD	TBD
Construction	TBD	TBD

Scope/Schedule/Budget Variance

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